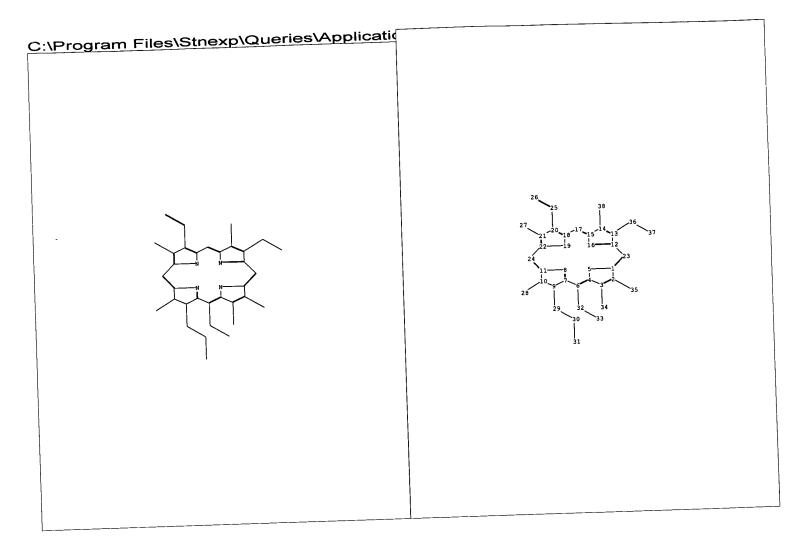
| Ref | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----|--------|----------------------------------|---|---------------------|---------|------------------|
| _1 | 48 | pyropheophorbide | USPAT | ADJ | OFF | 2005/01/26 14:46 |
| .2 | 252 | pheophorbide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:46 |
| _3 | 17 | pheophorbide a | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:46 |
| L4 | 17 | pheophorbide a | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:46 |
| L5 | 443 | purpurin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:47 |
| L6 | 41 | purpurin-18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:47 |
| L7 | 4 | chlorin e6 trimethyl ester | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 14:48 |
| L8 | 450103 | synthesis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | | OFF | 2005/01/26 14:4 |
| L9 | 633 | 11 or 12 or 13 or 14 or 15 or 16 | US-PGPUB USPAT; USOCR; EPO; JPO; DERWENT | | OFF | 2005/01/26 14:4 |
| L10 | 23 | 1 18 and 19 | US-PGPUE USPAT; USOCR; EPO; JPO; DERWENT | | OFF | 2005/01/26 15:0 |

| L11 | 648353 | aromatic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 15:00 |
|-----|---------|-------------|---|-----|-----|------------------|
| L12 | 101 | 10 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 15:01 |
| L13 | 2025436 | heating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 15:01 |
| L14 | 34 | I12 and I13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2005/01/26 15:01 |



chain nodes:

25 26 27 28 29 30 31 32 33 34 35 36 37 38

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ring nodes: 23 24

chain bonds:

2-35 3-34 6-32 9-29 10-28 13-36 14-38 20-25 21-27 25-26 29-30 30-31 32-33 36-37

ring bonds :

1-2 1-5 1-23 2-3 3-4 4-5 4-6 6-7 7-8 7-9 8-11 9-10 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24

1-5 4-5 7-9 9-10 10-11 12-13 13-14 14-15 18-19 19-22 exact/norm bonds:

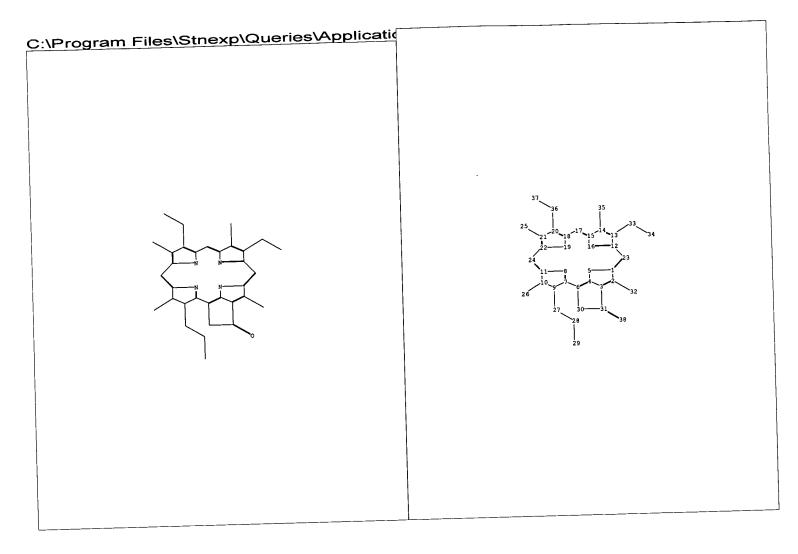
exact bonds :

2-35 3-34 6-32 9-29 10-28 13-36 14-38 20-25 21-27 25-26 29-30 30-31 32-33 36-37

1-2 1-23 2-3 3-4 4-6 6-7 7-8 8-11 11-24 12-16 12-23 15-16 15-17 normalized bonds: 17-18 18-20 20-21 21-22 22-24

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:Atom 29:Atom 30:Atom 31:Atom 32:CLAS533:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom



chain nodes:

25 26 27 28 29 32 33 34 35 36 37 38

ring nodes:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 30 31

chain bonds:

2-32 9-27 10-26 13-33 14-35 20-36 21-25 27-28 28-29 31-38 33-34 36-37

ring bonds :

1-2 1-5 1-23 2-3 3-4 3-31 4-5 4-6 6-7 6-30 7-8 7-9 8-11 9-10 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24 30-31

exact/norm bonds:

1-5 3-31 4-5 6-30 7-9 9-10 10-11 12-13 13-14 14-15 18-19 19-22 30-31 31-38

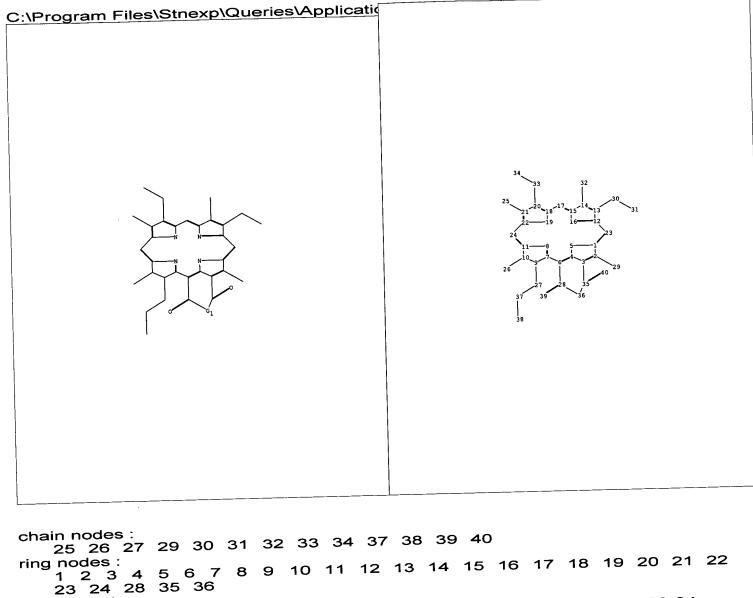
exact bonds:

2-32 9-27 10-26 13-33 14-35 20-36 21-25 27-28 28-29 33-34 36-37

1-2 1-23 2-3 3-4 4-6 6-7 7-8 8-11 11-24 12-16 12-23 15-16 15-17 normalized bonds: 17-18 18-20 20-21 21-22 22-24

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLAS\$26:Atom 27:Atom 28:Atom 29:Atom 30:CLASS31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:CLASS37:CLASS38:CLASS



2-29 9-27 10-26 13-30 14-32 20-33 21-25 27-37 28-39 30-31 33-34 chain bonds: 35-40 37-38

ring bonds:

1-23 2-3 3-4 3-35 4-5 4-6 6-7 6-28 7-8 7-9 8-11 9-10 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24 28-36 35-36

exact/norm bonds:

1-5 2-29 3-35 4-5 6-28 7-9 9-10 9-27 10-11 10-26 12-13 13-14 13-30 14-15 14-32 18-19 19-22 20-33 21-25 27-37 28-36 28-39 30-31 33-34 35-36 35-40 37-38

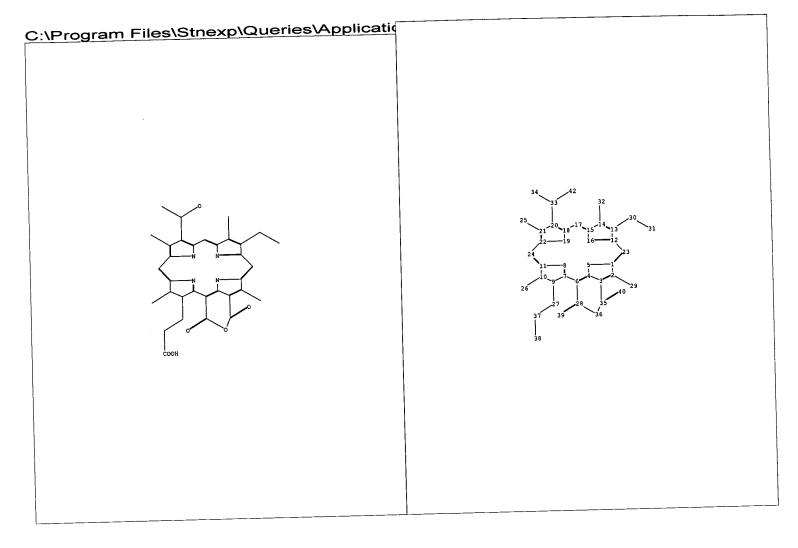
normalized bonds:

1-2 1-23 2-3 3-4 4-6 6-7 7-8 8-11 11-24 12-16 12-23 15-16 15-17 17-18 18-20 20-21 21-22 22-24

G1:0,N

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLAS\$26:Atom 27:Atom 28:CLASS29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS34:CLASS35:Atom 36:Atom 37:CLAS\$38:CLAS\$39:CLAS\$40:CLAS\$



chain nodes:

25 26 27 29 30 31 32 33 34 37 38 39 40 42

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 ring nodes: 23 24 28 35 36

chain bonds:

2-29 9-27 10-26 13-30 14-32 20-33 21-25 27-37 28-39 30-31 33-34 33-42 35-40 37-38

1-2 1-5 1-23 2-3 3-4 3-35 4-5 4-6 6-7 6-28 7-8 7-9 8-11 9-10 ring bonds: 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24 28-36 35-36

exact/norm bonds:

1-5 3-35 4-5 6-28 7-9 9-10 10-11 12-13 13-14 14-15 18-19 19-22 28-36 28-39 33-42 35-36 35-40

exact bonds:

2-29 9-27 10-26 13-30 14-32 20-33 21-25 27-37 30-31 33-34 37-38

normalized bonds :

1-2 1-23 2-3 3-4 4-6 6-7 7-8 8-11 11-24 12-16 12-23 15-16 15-17 17-18 18-20 20-21 21-22 22-24

G1:0,N

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLAS\$26:Atom 27:Atom 28:CLAS\$29:Atom 30:Atom 31:Atom 32:Atom 33:CLAS\$34:CLAS\$35:Atom 36:Atom 37:CLAS538:CLAS539:CLAS540:CLAS542:CLASS